

# Let's Build – Series 1

Let's build some useful IOT Projects

1. **Biometric Attendance System**
2. **COVID-19** Patient Monitoring



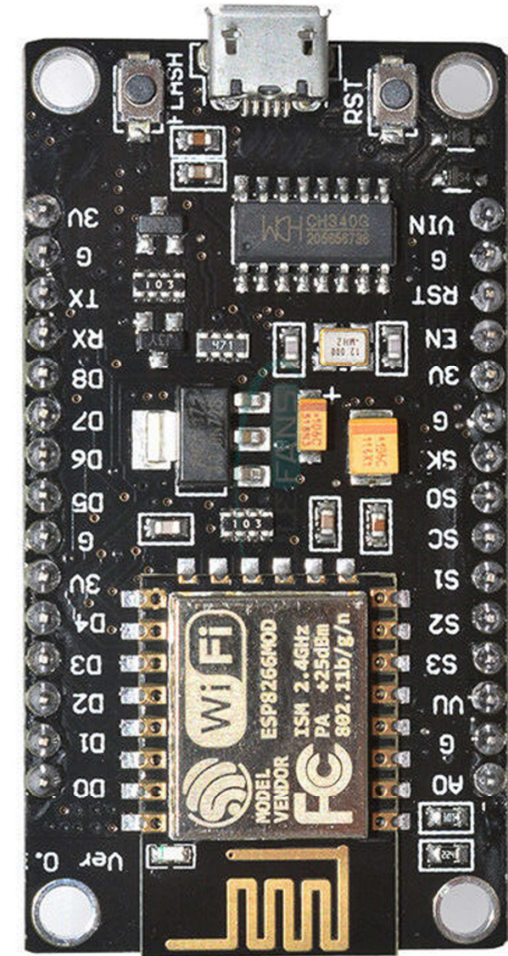
# **Biometric Attendance System**

The Device records the attendance of students in a classroom using a IOT Device and stores it in a spreadsheet to check the number of students attendance report.

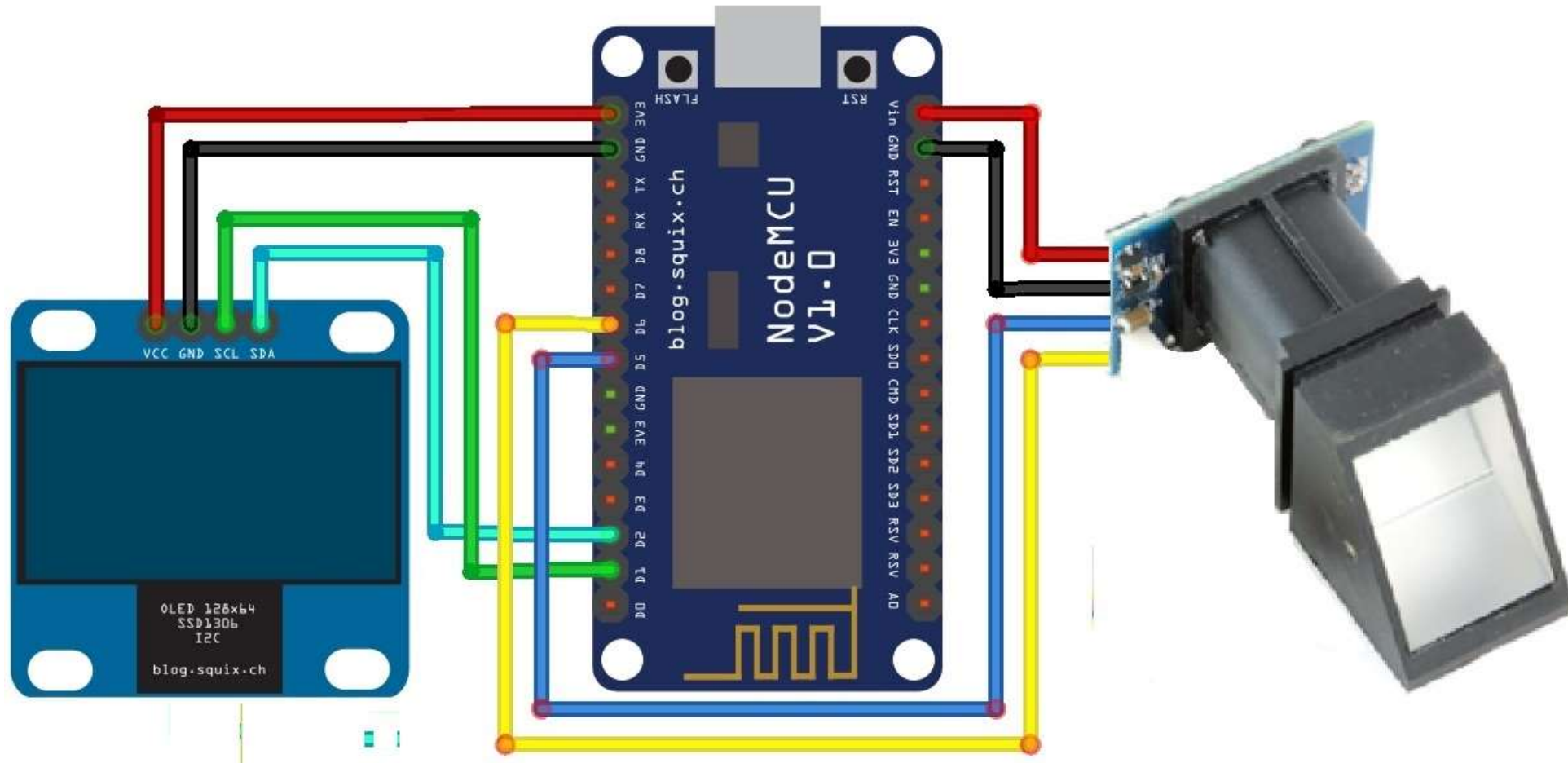


# Sensors & Tools used

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# Circuit Diagram

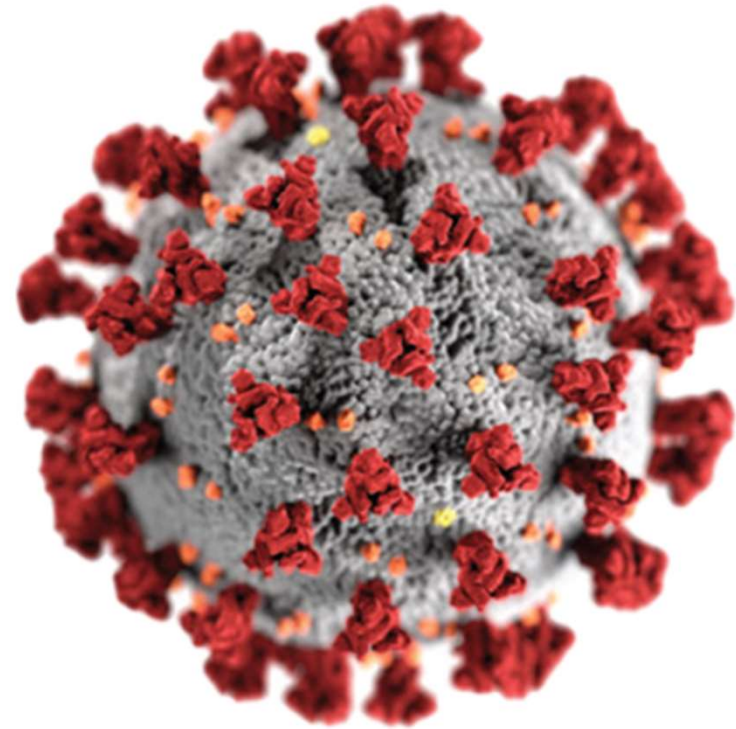


# **Working**

- Enrollment
- Verification
- Attendance Report

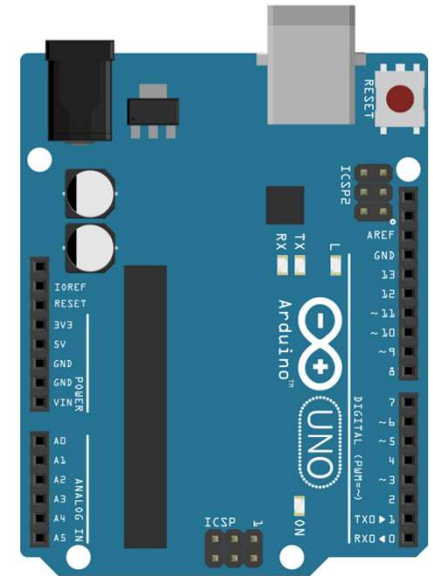
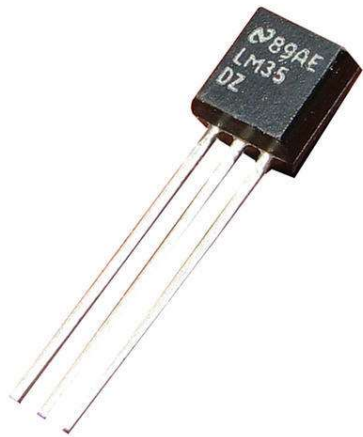
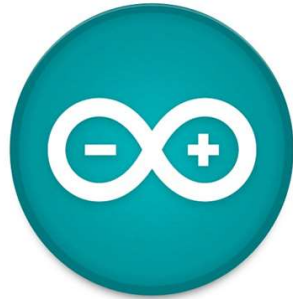
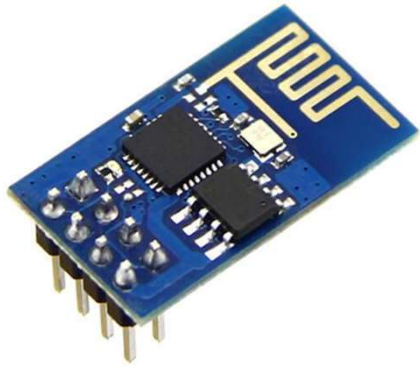
# **COVID-19 Patient Monitoring**

Monitor patient health using IOT Device. Health conditions such as temperature, heart rate and track them remotely using a cloud database.

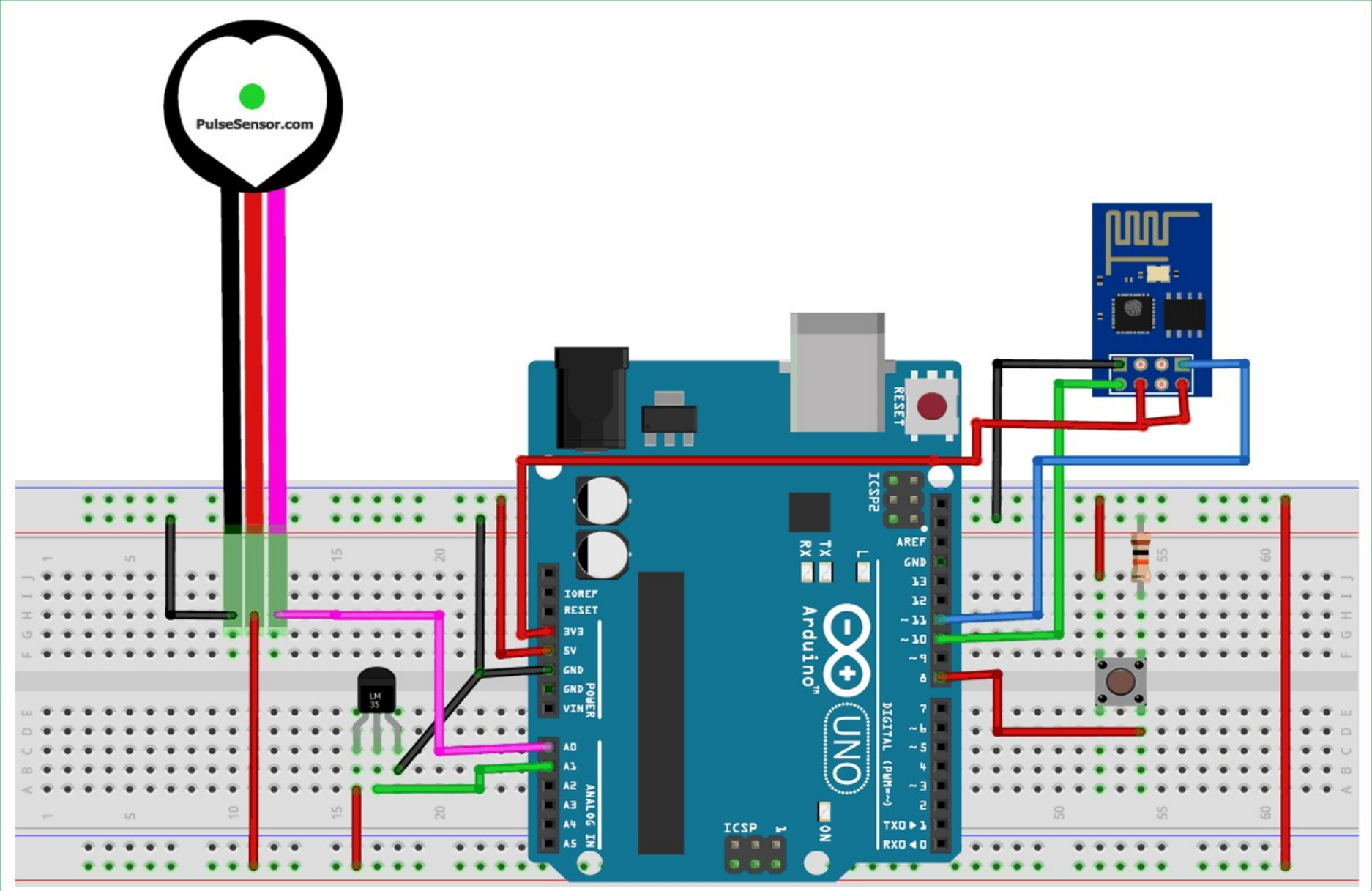




# Sensors & Tools used



# Circuit Diagram








# **Working**

- Monitor Patient Data
- Check for abnormality
- Report to concerned authority.


# Realtime Database Dashboard


 **Firebase**


 Project Overview





DEVELOP


 Authentication

 **Database**


 Storage


 Hosting


 Functions

 ML Kit



STABILITY



 Crashlytics

 Performance





 Test Lab



test-firebase ▾


Go to docs  


**Database**  Realtime Database ▾ 


DATA RULES BACKUPS USAGE


 [https://\[redacted\].firebaseio.com/](https://[redacted].firebaseio.com/)   

  **test-user**

 **-LDJuYqLolLemQXM6zmY**  
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 **-LDJulhGYDBjQRt1ZWPx**  
randomId: 71.51792918880912

 **-LDJwvN1mzKDsKSntwAN**  
Name: "Manik"

 **-LDK98uh8FJX3alZou8S**